

<b>Customer</b>	: CC-DAR01 Dart Aerospace Ltd.	<b>Drawing Name</b>	: D350-591-211/-212/-213/-214/-215/-216
<b>Job Number</b>	: 27682		
<b>Estimate Number</b>	: 10804		
<b>P.O. Number</b>	: NIA	<b>Part Number</b>	: Z_CUSTOM
<b>This Issue</b>	: 6/23/2006      S.O. No. : NIA	<b>Drawing Number</b>	: ADD PARTS & PAPERWOR
<b>Prsht Rev.</b>	: NC	<b>Project Number</b>	: NIA
<b>First Issue</b>	: 6/23/2006      Type : NIA	<b>Drawing Revision</b>	: NIA
<b>Previous Run</b>	: 00015	<b>Material</b>	: NIA
<b>Written By</b>	: SEE ABOVE USER & DATE	<b>Due Date</b>	: 6/30/2006      Qty:      24 Um:      Each
<b>Checked &amp; Approved By</b>	: _____		
<b>Comment</b>	:		

## Job Number:

1.0	DSI9340011	STEP MOD KIT
-----	------------	--------------

**Comment:** Qty.: 1.0000 Each(s)/Unit Total: 24.0000 Each(s)  
STEP MOD KIT

2.0 PACKAGING 1 PACKAGING RESOURCE #1

**Comment:** PACKAGING RESOURCE #1  
ADD TO KITS IN STOCK  
1 X DSI 9340-011 B 27

STOCK AFFECTED:

D350-591-211 (4 X B18906) ~~ok~~ A  
D350-591-212 (0)  
D350-591-213 (6 X B27432) → 5  
D350-591-214 (7 X B26656 / 2 X B25434) ok  
D350-591-215 (2 X B26681) → 1  
D350-591-216 (2 X B25753 / 1 X B26732) ok

Remove: D2182 B035  
D3080-1  
D3064-1

add new l2bds  
CHG 002 404 30106  
P/4/06 4

3.0	QC4	INSPECT 100% KITS FOR COMPLETENESS
-----	-----	------------------------------------

**Comment:** INSPECT 100% KITS FOR COMPLETENESS

4.0 PACKAGING 1 PACKAGING RESOURCE #1

**Comment:** PACKAGING RESOURCE #1  
REPACKAGE PER PPP & RETURN TO STK

REPACKAGE PER PPP & RETURN

134	8x	B18755	D3064-1
235	4x	B23406	
67	4x	B 26667	

432.68

✓ Pac/26 (22)

Date: Friday, 6/23/2006 3:02:21 PM  
User: Linda Lacelle

## Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D350-591-211/-212/-213/-214/-215/-216

Job Number: 27682

Part Number: Z\_CUSTOM

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

MISC

MISCELLANEOUS



Comment: MISCELLANEOUS

TRANSFER ABOVE PARTS

FROM QRTN BACK TO MAIN IN ACCPAC

U 06-06-26

6.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

INSPECT LEVEL 21

DP 06/06/07

Job Completion



U 06-06-26

Remove 8x D3064-1 B18752

14.77 e2

STK - 4x DST9340-0N B27681

32.88 e2.

18x D3064-1 B28406

14.77 e2

2x D3064-1 B18752

14.77 e2

12x D3080-1 B25453

3.32 e2

24x D3080-1 B21677

3.32 e2

2x D2182B035 B18914

.75

30x D2182B035 B24870

.75

10x D2182B035 B23172

.75

ASJ  
1611

6/23/2006 10:22:10AM

Dart Aerospace Ltd

Page 1

Transaction Listing - Transfers (ICTRLSTT)

From Transfer Number [TRF0000006] To [TRF0000007]  
 From Transaction Date [6/22/2006] To [6/23/2006]  
 Status [Entered, Posted]  
 Reprint Previously Printed Transactions [Yes]  
 Include Comments [Yes]  
 Include Optional Fields [No]

Document Number: TRF0000006 Status: Costed Document Date: 6/22/2006 Year-Period: 2007-3  
 Transaction Type: Transfer From Transfer Number: Additional Cost: 0.00  
 Description: Proration Method: Prorate by Quantity  
 Reference: Expected Arrival Date: 6/22/2006

Item Number/ Description	From Location	GIT Location	To Location	Requested Quantity	Unit of Measure	Transfer Quantity/ Manual Proration	Unit of Measure	Unit Weight/ Extended Weight	Unit Cost/ Extended Cost
D350-591-211	MAIN		QRNTN			4.0000	Each	0.0000	
Heli-Access-Step,Long LH								0.0000	

Document Number: TRF0000007 Status: Posted Document Date: 6/23/2006 Year-Period: 2007-3  
 Transaction Type: Transfer From Transfer Number: Additional Cost: 0.00  
 Description: Proration Method: Prorate by Quantity  
 Reference: Expected Arrival Date: 6/23/2006

Item Number/ Description	From Location	GIT Location	To Location	Requested Quantity	Unit of Measure	Transfer Quantity/ Manual Proration	Unit of Measure	Unit Weight/ Extended Weight	Unit Cost/ Extended Cost
D350-591-213	MAIN		QRNTN			6.0000	Each	0.0000	
Heli-Access-Step ShortLH								0.0000	
D350-591-214	MAIN		QRNTN			9.0000	Each	0.0000	
Heli-Access-Step ShortRH								0.0000	
D350-591-215	MAIN		QRNTN			2.0000	Each	0.0000	
Heli-Access-Step ShortLH								0.0000	
D350-591-216	MAIN		QRNTN			3.0000	Each	0.0000	
Heli-Access-Step ShortRH								0.0000	

2 transactions printed

D350-591-211 4 x 18906

D350-591-212 - 0

D350-591-213 - 6 x 27432

214 - 7 x 26656  
2 x 25434

215 - 2 x 26681

216 - 25753 x 2  
26732 x 1

11/10/11  
W. J. [Signature]

**Linda Lacelle**


---

**From:** S Shahbazian [sshahbazian@dartaero.com]  
**Sent:** Wednesday, June 21, 2006 1:38 PM  
**To:** 'Dale Trepanier'  
**Cc:** 'Dan Stow'; 'Shepherd, David'; 'Provencal, Chris'; 'Lacelle, Linda'; 'Menard, Jean-Luc'; 'Brigitte Golden (E-mail)'; 'Bill Beckett'; Murdoch, Jason; Hum, Peter  
**Subject:** RE: AS350 step fit Guardian Industries

Hi Dale,

Please put the step 350-591-211/-212/-213/-214/-215/-216 under quarantine since we are going to change the clamps from D3064-1/D3080-1 type to D2230-1/D2230-3 type. Peter is working on the DSI.

Thanks  
 Serge

---

**From:** Bill Beckett [mailto:bbeckett@dartaero.com]  
**Sent:** June 21, 2006 11:37 AM  
**To:** 'Jason Loader'; 'S Shahbazian'; 'David Shepherd'  
**Cc:** 'Peggy McDonald'; 'Bill Beckett'; 'Dan Stow'; 'Dale Trepanier'; 'Shepherd, David'; 'Provencal, Chris'; 'Lacelle, Linda'; 'Menard, Jean-Luc'; Brigitte Golden (E-mail)  
**Subject:** RE: AS350 step fit Guardian Industries

I have no trouble sending out whatever will get this poor guy out of a bind.  
 Serge - please work with David and Jason to resolve this. When you have decided, let Peggy know what it is we want to send and she will initiate the correct paperwork.

Thanks,  
 Bill

PS: Brigitte - heads up!

-----Original Message-----

**From:** Jason Loader [mailto:jloader@eaglecopters.com]  
**Sent:** June 21, 2006 11:28 AM  
**To:** 'S Shahbazian'; 'David Shepherd'  
**Cc:** 'Peggy McDonald'; 'Bill Beckett'; 'Dan Stow'; 'Dale Trepanier'; 'Shepherd, David'; 'Provencal, Chris'; 'Lacelle, Linda'; 'Menard, Jean-Luc'  
**Subject:** RE: AS350 step fit Guardian Industries

I was talking to David about this, and because the ears still bottom out with the rubber cushions on his installation, it would probably be best if he used the D2230-1/D2230-3 clamp combination in place of the D3064-1/D3080-1 combination. Could this customer be supplied a set of these in place of the clamps he has?

Jason

---

**From:** S Shahbazian [mailto:sshahbazian@dartaero.com]  
**Sent:** Friday, June 16, 2006 12:31 PM  
**To:** 'David Shepherd'; 'Jason Loader'  
**Cc:** 'Peggy McDonald'; 'Bill Beckett'; 'Dan Stow'; 'Dale Trepanier'; 'Shepherd, David'; 'Provencal, Chris'; 'Lacelle, Linda'; 'Menard, Jean-Luc'  
**Subject:** RE: AS350 step fit Guardian Industries

6/23/2006

# ENGINEERING CHANGE NOTICE

<b>DART AEROSPACE LTD</b>				<b>ECN #:</b>	
Date: <u>06.05.23</u>					
Job No:		Created By: <u>PH</u>		Checked By:	
Product No: <u>D350-591</u>		Approved By:		Approved By:	
Product Name: <u>Heli-Access Step</u>		(Proj. Manager)		(Management if reqd)	
Description of Change:					
RELEASE DSI 9340, REV. 11					

#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?		✓			
2	Update Blue/Pink Folder/Electronic File	✓		KS		
3	Update DSI Folder/Electronic File	✓		KS		
4	Update D-Part Master Binder	✓	✓			
5	Update Grey Project Binder		✓			
6	Update DEO/DSI Binder	✓		KS		
7	Update Master Document List (MDL)	✓		KS		
8	Update Document Record (DR)	✓		KS		
9	Update Change Record Form (EST, PUMP, FUNCTION)	✓		KS		
10	Move Electronic File ISV, SDA, DWG	✓		KS		
11	Notify TC of Change		✓			
12	Notify FAA of Change		✓			
13	Update QSI 021 (TC/FAA STC)		✓			
14	Update QSI 036 (K-Kits)		✓			
15	Update Accpac Database <u>new P/N's</u>	✓		KS		
16	Update Access Database <u>D-part</u>	✓		KS		
17	Verification ARC <u>new Kit in -011</u>		✓			
18	Update STC Approval List		✓			
19	Update Product Development Summary		✓			
20	Create/Update COSS (Estimate/BOM)	✓		JLM		
21	Create/Update PPP's	✓		KS		
22	Update Paperwork Kits in Production	✓		LL		
23	Update Paperwork Kits in Stock	✓		LL		
24	Red Tag Stock with old CHG #		✓	DF		
25	Rework/Scrap Current Production	✓		LL		
26	Rework/Scrap Kits in Stock?	✓		LL		
27	Update Qpulse/Laminated Dwgs		✓			
28	Create/Update Controlled PDF Files	✓		KS		
29	Create/Update FAI sheets		✓			
30	Create/Update CNC Programs		✓			
31	Create/Update Tooling		✓			
32	Create/Update DXF File		✓			
33	MPP required?		✓			
34	Notify Previous Customers		✓			
35	Notify Eurocopter France	✓	✓	PH		
36		✓	✓			

**Notes:**  

SEE ATTACHED NOTES

4 x D350-591-211      0  
0 x D350-591-212      0  
6 x D350-591-213      10  
9 x D350-591-214      10  
2 x D350-591-215      0

44

3 x D350-591-216      0      ECN Complete:      Date: \_\_\_\_\_



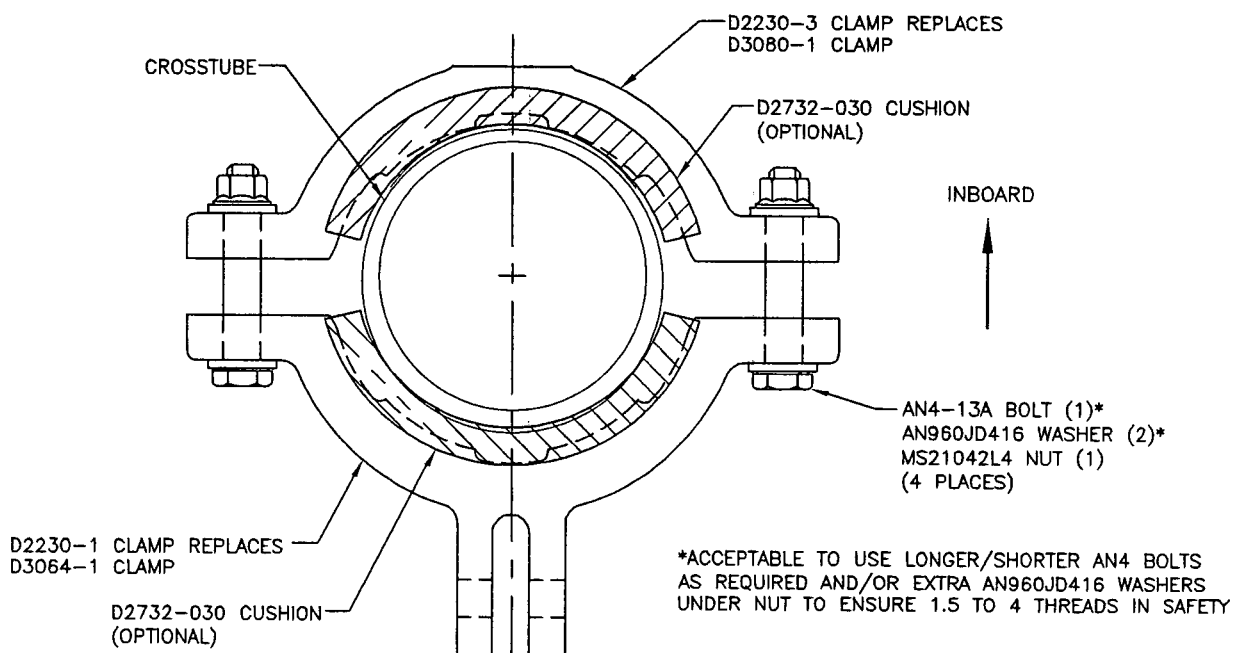
DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9340	REV. A SHEET 1 OF 2
DATE 06.06.21		TITLE STEP MODIFICATION KIT	SCALE NTS
A	06.06.21	NEW ISSUE	

## DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-591 REV. E OR F  
REF. CANADIAN STC: SH92-6  
FAA STC: SH967NE

TO IMPROVE THE FIT OF THE D350-591-213/-214/-215/-216 STEPS, INSTALL THE D2230-1/-3 CLAMPS AS SHOWN BELOW. IN PLACE OF THE D3064-1 AND D3080-1 CLAMPS CALLED OUT ON DRAWING D350-591 REV. E OR F.

CUSTOMERS HAVE THE OPTION OF INSTALLING THE D2732-030 RUBBER CUSHIONS UNDER THE D2230-1/-3 CLAMPS TO ACCOMMODATE VARYING CROSSTUBE DIAMETERS.



FOR CUSTOMERS WITH EARLY MODEL D350-591-213/-214/-215/-216 STEPS, THE DSI 9340-011 STEP MODIFICATION KIT IS AVAILABLE

QTY	PART NUMBER	DESCRIPTION
X	DSI 9340-011	STEP MODIFICATION KIT
2	D2230-1	MOUNTING LUG
2	D2230-3	MOUNTING LUG
4	D2732-030	CUSHION
4	AN4-13A	BOLT
8	AN960JD416	WASHER
4	MS21042L4	NUT (OR MS21042-4)

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	06.06.21
CERT. NO.:	SH92-6
ISSUE NO.:	9/10

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# ACTIVITY SUMMARY REPORT



DART AEROSPACE LTD  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

Attendees:

NOTES PREPARED BY P. HUM

Report Type:

Subject:

ECN # NOTES

Venue:

Date: 06-05-23

Sheet of

Item	Action / Description	Responsible	Due Date	Action / Date
1)	NEW CHANGE NUMBERS <del>D350-591-213/214/215/216 CHG 003</del> D350-591-213/214/215/216 CHG 002	KJ	ASAP	
2)	THIS DSI WILL REPLACE DSI 9294 • ANY KITS IN STOCK/PRODUCTION WITH DSI 9294 SHOULD BE REPLACED WITH DSI 9340	KJ		
3)	ALL IN STOCK/PRODUCTION "RED DECALS" NEED TO BE CHANGED AND HAVE THE NEW CHG #.	LL		
4)	THE PICK LIST NEEDS TO BE REVISED AS INDICATED ON PAGE 2 OF DSI 9340. FOR EXAMPLE, PG 18 OF D350-591 COLUMN -213 <del>NEEDS TO HAVE THE PARTS LISTED FROM DSI 9340 PG 2 COLUMN. <del>24</del> INSTEAD -213</del>	JLM		
5)	<del>5) RE-WORK D3079 IN STOCK/PRODUCTION PARTS TO HAVE D2230-1 INSTALLED INSTEAD OF D3054-1</del> # ADD THIS DSI TO ALL IN STOCK/PRODUCTION BLUE/PINK OF D350-591	KJ		
6)	<del>7) RE-WORK IN STOCK D3079-041 KITS TO REFLECT D3079, REV B</del> # AFFECTED P/N'S ARE D350-591-213/214/215/216	FYI		



# ACTIVITY SUMMARY REPORT



DART AEROSPACE LTD  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

Attendees:

NOTES PREPARED BY P. HUM

Report Type:

Subject:

ECN # NOTES

Venue:

Date: 06.06.23

Sheet of

Item	Action / Description	Responsible	Due Date	Action / Date
70)	IF CUSTOMERS HAVE D350-591-218/214/215/216 @ CHG 001  IF THEY WANT TO CONVERT IT THEY WILL NEED DSI 9340-011 KIT	JLM/LL	ASAP	

6/26/2006 7:06:46PM

Dart Aerospace Ltd

## Transaction Listing - Transfers (ICTRLSTT)

From Transfer Number [TRF00000008] To [TRF00000008]  
 From Transaction Date [6/26/2006] To [6/26/2006]  
 Status [Entered, Posted]  
 Reprint Previously Printed Transactions [Yes]  
 Include Comments [Yes]  
 Include Optional Fields [No]





Document Number: TRF00000008      Status: Posted      Document Date: 6/26/2006      Year-Period: 2007-3  
 Transaction Type: Transfer      From Transfer Number:      Additional Cost: 0.00  
 Description:      Proration Method: Prorate by Quantity  
 Reference:      Expected Arrival Date: 6/26/2006

Item Number/ Description	From Location	GIT Location	To Location	Requested Quantity	Unit of Measure	Transfer Quantity/ Manual Proration	Unit of Measure	Unit Weight/ Extended Weight	Unit Cost/ Extended Cost
D350-591-211	QRNTN		MAIN			4.0000	Each	0.0000	
Heli-Access-Step,Long LH								0.0000	
D350-591-213	QRNTN		MAIN			6.0000	Each	0.0000	
Heli-Access-Step ShortLH								0.0000	
D350-591-214	QRNTN		MAIN			9.0000	Each	0.0000	
Heli-Access-Step ShortRH								0.0000	
D350-591-215	QRNTN		MAIN			2.0000	Each	0.0000	
Heli-Access-Step ShortLH								0.0000	
D350-591-216	QRNTN		MAIN			3.0000	Each	0.0000	
Heli-Access-Step ShortRH								0.0000	

1 transaction printed



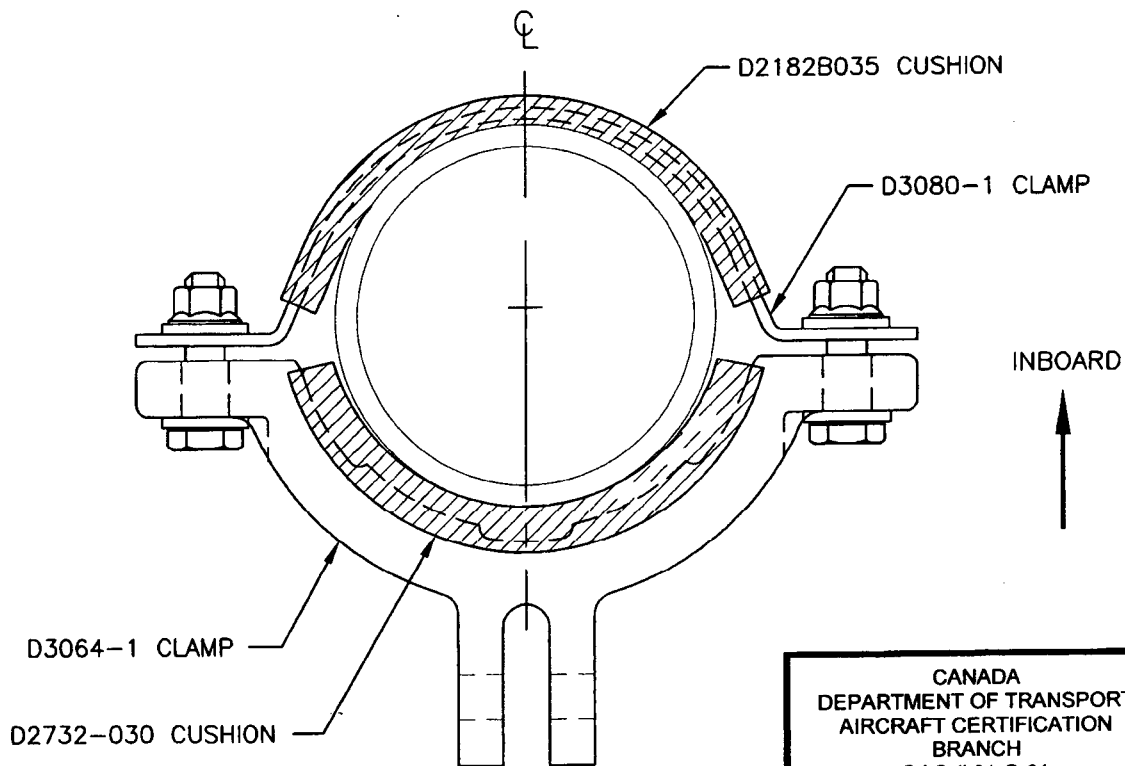
**DART**

DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. DSI 9294	REV. A SHEET 1 OF 1
DATE 05.03.04		TITLE STEP MODIFICATION	SCALE NTS
A	05.03.04	NEW ISSUE	

## DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-591 REV. E OR F  
REF. CANADIAN STC: SH92-6  
FAA STC: SH967NE

TO IMPROVE THE FIT OF THE D350-591-211/ -212/ -213/ -214/ -215/ -216 STEPS, IT IS  
ACCEPTABLE TO INSTALL D2732-030 RUBBER CUSHIONS UNDER THE D3064-1  
CLAMPS AS SHOWN BELOW.



CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 05.03.04  
CERT. NO.: SH92-6  
ISSUE NO.: 9/10

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<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	<b>18906</b>
<b>Description:</b> Long Step Assembly – High Skid, LH	<b>Part Number:</b>	<b>D350-591-211</b>
<b>Dwg:</b> D3070 Rev. A I	<b>Qty:</b>	<b>10</b>
Page 2 of 2		

17	GA	Grind End Plate flush	ME	03/04/01	10																																																				
18	QC9 & 5	Inspect work to Step 18 – Check dimension 110.56" from Dwg D3070 110.71" RF 02.11.13	BS	03.04.01	10																																																				
19	FP	Powder Coat Gloss White (Ref: 4.3.5.1) per QSI 005 4.3	M	03.04.09	10																																																				
20	FP	Wing Walk per Dwg D3070 and QSI 005 4.4	M	03.04.10	10																																																				
21	QC3	Inspect Powder Coat and Wing Walk	J	03.04.10	10																																																				
22	KP	<b>Pick: Packing Kit</b> <table><thead><tr><th>Qty</th><th>Part Number</th><th>Description</th><th>Batch</th></tr></thead><tbody><tr><td>4</td><td>D2182B0375</td><td>Rubber Cushion</td><td>B18914</td></tr><tr><td>8</td><td>D2274</td><td>Radius Block</td><td>B18743</td></tr><tr><td>2</td><td>D2856-400-720</td><td>Abrasion Strip</td><td>B18602</td></tr><tr><td>2</td><td>D3064-1</td><td>Clamp</td><td>B18752</td></tr><tr><td>1</td><td>D3079-041</td><td>Support Assy</td><td>B18747</td></tr><tr><td>4</td><td>D3080-1</td><td>Clamp</td><td>B18850 — B18748B</td></tr><tr><td>2</td><td>AN3-35A</td><td>Bolt - M13132</td><td>M12755</td></tr><tr><td>10</td><td>AN4-11A</td><td>Bolt</td><td>M12155</td></tr><tr><td>4</td><td>AN960JD10</td><td>Washer</td><td>M12140</td></tr><tr><td>20</td><td>AN960JD416</td><td>Washer</td><td>M12749</td></tr><tr><td>2</td><td>MS21042L3</td><td>Nut (or -3)</td><td>M12241</td></tr><tr><td>10</td><td>MS21042L4</td><td>Nut (or -4)</td><td>M11151</td></tr></tbody></table>	Qty	Part Number	Description	Batch	4	D2182B0375	Rubber Cushion	B18914	8	D2274	Radius Block	B18743	2	D2856-400-720	Abrasion Strip	B18602	2	D3064-1	Clamp	B18752	1	D3079-041	Support Assy	B18747	4	D3080-1	Clamp	B18850 — B18748B	2	AN3-35A	Bolt - M13132	M12755	10	AN4-11A	Bolt	M12155	4	AN960JD10	Washer	M12140	20	AN960JD416	Washer	M12749	2	MS21042L3	Nut (or -3)	M12241	10	MS21042L4	Nut (or -4)	M11151	①	03.04.08	10
Qty	Part Number	Description	Batch																																																						
4	D2182B0375	Rubber Cushion	B18914																																																						
8	D2274	Radius Block	B18743																																																						
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2	D3064-1	Clamp	B18752																																																						
1	D3079-041	Support Assy	B18747																																																						
4	D3080-1	Clamp	B18850 — B18748B																																																						
2	AN3-35A	Bolt - M13132	M12755																																																						
10	AN4-11A	Bolt	M12155																																																						
4	AN960JD10	Washer	M12140																																																						
20	AN960JD416	Washer	M12749																																																						
2	MS21042L3	Nut (or -3)	M12241																																																						
10	MS21042L4	Nut (or -4)	M11151																																																						
23	QC4	Inspect 100% Kit for Completeness on the W/O	U	03.04.22	10																																																				
24	PK	Package for shipping as per PPP D350-591-211 REV. A	②	03.04.22	10																																																				
25	AC	Cost / part 202.61	S45	03.04.23	10																																																				
26	DC	Close W/O 215.21 Inspect Level 21	A	03.04.23	-																																																				

Rev	Date	Change	Revised By	Approved
A	02.09.09	New issue	KJ	
A1	03.01.14	110.71" WAS 110.56". D2182B035 WAS D2182B032	RF	

RELEASED  
02/10/10 RF

REFERENCE ONLY